

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

ER REGULATORY CONTACT RECORD

Date/Time: March 22, 2004 / 3:00PM

Site Contact(s): Mike Bemski
Phone: 303-966-4090

Regulatory Contact: David Kruchek Harlen Ainscough
Phone: 303-692-3328 303-692-3337

Agency: CDPHE

Purpose of Contact: Path Forward for Soil Remediation near 784 - 700-7 (779) Remediation Project

Discussion

The purpose of this ER Contact Record is to confirm the following discussion with the CDPHE regarding the excavation near the former 784 Cooling Tower at the northeast corner of the 700-7 Project. This discussion is only regarding the path forward, and another approval from the CDPHE will be sought following the listed actions. This discussion does not include actions associated with OPWL, which is handled through the separate OPWL crew.

History

An effort was made to relocate sampling locations that showed contamination in the 700-7 subsurface. Most of these locations were sampled in December 2003, before the 700-7 Project started. One of the locations was next to where a vitrified-clay OPWL was nicked by an excavator bucket in mid-January. A Contaminated Area (CA) was established around the pipe and the excavation was enlarged to allow for access to the pipe to remove broken pieces and seal the pipe. During the enlargement of the excavation, a December sample location (CJ45-005) was inadvertently excavated within the CA. The location has a Pu hit of 83 pCi/g at a depth 2.5 feet.

Path Forward

The soil that was removed by the enlargement of the excavation was segregated adjacent to the excavation. This soil will be entirely disposed as LLW, and none will be place back into the excavation. Following the removal of the soil, one sample will be collected beneath the former center of soil pile and analyzed for the 700-7 contaminants of concern. Should the analytical results of the sample show contamination above action level, further remediation will be perform and a new sample will be collected, analyzed, and the process repeated until the CDPHE agrees sufficient clean-up has been performed.

A confirmation sample will be collected at the existing CJ45-005 location that is now 3 feet beneath the original grade. If the analyses of this new sample show no results above action level, the remedial action for the soil will be considered complete and the CDPHE will be contacted for approval to backfill. If the analytical results of the sample indicate contamination above action levels, further remediation will be performed and another sample will be collected, analyzed, and the process repeated until the CDPHE agrees to allow for backfill of the excavation.

Contact Record Prepared By: Mike Bemski

Required Distribution

S. Bell, RFFO

M. Keating, K-H RISS

A. Primrose, K-H RISS

J. Berardini, K-H
L. Brooks, K-H ESS
M. Broussard, K-H RISS
L. Butler, K-H RISS
G. Carnival, K-H RISS
N. Castaneda, RFFO
C. Deck, K-H Legal
R. DiSalvo, RFFO
S. Gunderson, CDPHE

G. Kleeman, USEPA
D. Kruchek, CDPHE
D. Mayo, K-H RISS
J. Mead, K-H ESS
S. Surovchak, RFFO
S. Nesta, K-H RISS
L. Norland, K-H RISS
K. North, K-H ESS
E. Pottorff, CDPHE

T. Rehder, USEPA
S. Serreze, RISS
D. Shelton, K-H
C. Spreng, CDPHE
K. Wiemelt, K-H RISS
C. Zahm, K-H
M. Aguilar, USEPA
H. Ainscough, CDPHE

Additional Distribution

J. Hebert, K-H RISS
G. Kelly, K-H RISS

2/2

